

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	34	(US-20030191884-\$ or US-20020196884-\$ or US-20040151198-\$ or US-20020152346-\$ or US-20030110282-\$).did. or (US-5280598-\$ or US-5671373-\$ or US-6317805-\$ or US-5590378-\$ or US-6681314-\$ or US-5768546-\$ or US-6414966-\$ or US-6219697-\$ or US-7013354-\$ or US-6694440-\$ or US-6725311-\$ or US-6038628-\$ or US-6438604-\$ or US-6356558-\$ or US-6813651-\$ or US-5423009-\$ or US-5293381-\$ or US-6728280-\$ or US-6311239-\$ or US-6119201-\$ or US-6510473-\$ or US-5673396-\$ or US-5155816-\$ or US-4992931-\$ or US-6131125-\$ or US-6370603-\$).did. or (US-7130925-\$ or US-6324178-\$ or US-6657999-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/26 02:21
L4	19	3 and clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 04:30
L5	0	"phase amplitude modulation clock"	US-PGPUB; USPAT	OR	OFF	2006/12/26 04:30
L6	294	phase with amplitude with modulation with clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 04:30
L7	291	phase with amplitude with modulation with clock	US-PGPUB; USPAT	OR	OFF	2006/12/26 04:31
L8	2	(phase with amplitude with modulation with clock) same ethernet	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:02
L9	0	(phase with amplitude with modulation with clock) same "802.3"	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:01
L10	0	(phase near amplitude near modulation near clock)	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:02
L11	10	(phase near2 amplitude near2 modulation near2 clock)	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:05
L12	0	"phase/amplitude" near2 modulation near2 clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:05
L13	0	("phase/amplitude" near2 modulation) with clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:05
L14	129	("phase/amplitude" near2 modulation)	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:06
L15	5	("phase/amplitude" near2 modulation) same clock	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:11
L16	12	PAM near clock	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:07

## EAST Search History

L17	199	"phase amplitude" with clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:13
L18	75	(phase adj amplitude) near3 clock\$1	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:17
L19	8360	"quadrature amplitude modulation"	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:17
L20	315	"quadrature amplitude modulation" same (benefit\$1 or advantage\$1)	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:24
L21	11	"quadrature amplitude modulation" same (benefit\$1 or advantage\$1) same clock\$3	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:18
L23	809	"quadrature amplitude modulation" same efficien\$5	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:25
L24	8	"quadrature amplitude modulation" same efficien\$5 same bus	US-PGPUB; USPAT	OR	OFF	2006/12/26 05:24
S2	4123	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same (ethernet or "802.3" or "cat5" or "category 5")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 13:50
S3	2792	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3" or "cat5" or "category 5")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 13:20
S4	1268	S3 and (7??/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 13:18
S5	2769	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 10:46
S6	1689	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3") same connect\$4 ,	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 13:20
S8	743	S6 and (7??/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 13:21

## EAST Search History

S9	26	S2 and (710/305).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 14:41
S10	1	("6438604").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 14:41
S11	1352	(709/232).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 10:46
S12	49	S11 and ("1394"\$2 or firewire or "fire-wire" or "fire adj wire")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 14:59
S15	14	("709"/232).ccls. and (("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same (ethernet or "802.3" or "cat5" or "category 5"))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 15:00
S17	162	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same ("10" adj bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/12 16:34
S18	1264	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3") and (7?/?\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 10:47
S19	50	((("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3") same (clock or rate)) and (7?/?\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 10:51
S20	19	((("1394"\$2 or firewire or "fire-wire" or "fire adj wire") near8 (ethernet or "802.3") same (PHY)) and (7?/?\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 10:57
S21	110	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same (scrambl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 14:33

## EAST Search History

S22	19	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same (scrambl\$4) same (encod\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 15:56
S23	43	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same ("10-bit")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 17:12
S25	48	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") and "8B/10B"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 17:14
S26	10	("1394"\$2 or firewire or "fire-wire" or "fire adj wire") same "8B/10B"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:46
S27	0	(phase near amplitude near modulation near clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/16 18:17
S28	44	(phase near3 amplitude near3 modulation near3 clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/18 13:43
S29	88	(gmii or (gigabit near4 ethernet)) near8 (benefit\$1 or advantage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 13:37
S30	305	(710/307).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 15:49
S31	140	(710/307).ccls. and ("8" same "10")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:06
S32	136	(710/307).ccls. and (stor\$4 near4 (fifo or buffer\$1 or storage))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:13

## EAST Search History

S33	77	(710/307).ccls. and (stor\$4 near4 (fifo or buffer\$1 or storage) same bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:13
S34	92	((repack\$3 or re-pack\$3) near8 bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:50
S35	1140	(8B/10B)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:50
S36	0	(8B/10B) same (repack\$3 or re-pack\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:51
S38	377	(8B/10B) same (convert\$3 or translat\$3 or transform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:51
S39	300	(8B/10B) same (convert\$3 or translat\$3 or transform\$3) same bit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:52
S40	43	(10B/8B) same (convert\$3 or translat\$3 or transform\$3) same bit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:57
S41	0	(10B/8B) and (710/307).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 14:58
S42	12	(10B/8B) same fifo\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 15:15
S43	15	(10B/8B) same buffer\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/19 15:15

## EAST Search History

S44	67	(710/307).cccls. and fifo\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 14:19
S45	51	(710/307).cccls. and (fifo\$1 same bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 15:50
S49	158	(710/307).cccls. and (buffer\$1 same bit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 16:59
S52	209	(710/30).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 17:36
S53	7	("4447878" "4525804" "4716527" "5113369" "5280598" "5394528" "5423009").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 17:47
S54	1	("4633437").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 17:53
S55	8	("4514808" "4667305" "5148539" "5263139" "5274763" "5280598" "5388227" "5394528").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 17:54
S56	8	("4683534" "4716527" "5280598" "5293381" "5345559" "5499344" "5537624" "5559969").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 18:58
S57	2	"perfect aligner"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:24
S58	170	null near5 indicat\$4 near5 empty	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:25

## EAST Search History

S59	2	(null near5 indicat\$4 near5 empty) same fifo	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:12
S61	1352	(data near4 align\$4) same width\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:38
S62	392	S61 and (7?\$/).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:36
S63	58	(data near4 align\$4) same (width\$1 near3 differ\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:50
S64	1	("4486739").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 21:50
S66	278	(null near2 delet\$4) and (7?\$/).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:13
S67	105	(null near2 delet\$4) and (71?\$/).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:13
S68	5	(null near2 delet\$4) and ("710"/). ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:26
S70	3219	(fifo near2 register\$1) and bus	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:27
S71	1585	(fifo same implement\$3 same register\$1) and bus	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:27

## EAST Search History

S72	229	(fifo near8 implement\$3 near4 register\$1) and bus	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/20 22:44
S74	5356	pad\$4 near data	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 10:23
S75	489	(pad\$4 near data) same register\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 10:25
S76	160	(pad\$4 near data) same register\$1 same bit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 10:26
S77	29	(padd\$4 near data) same register\$1 same bit\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 10:38
S78	121	(padd\$4 near data) same (strip\$4 or remov\$4 or delet\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 11:44
S79	1	("7007114").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 11:37
S80	0	(gmii or (gigabit near4 ethernet)) near8 ("received data valid")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 13:39
S81	2	ethernet same ("received data valid")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 13:42
S82	25	ethernet same ("receive data valid")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 15:20



## EAST Search History

S83	1826	(710/52).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 15:20
S84	85	(710/52).ccls. and "1394"\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 15:23
S85	47	(710/52).ccls. and "1394"\$3 and fifo\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 16:34
S86	9	(710/52).ccls. and "1394"\$3 and (fifo\$1 same (clock or clk))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 17:42
S87	6	(710/52).ccls. and (fifo\$1 same ((clock or clk) near5 independent))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 17:10
S88	2	(710/52).ccls. and ("1394"\$3 same phy )and (fifo\$1 same (clock or clk))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 17:59
S89	20102	clock same (phase adj locked)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 18:00
S90	457	S89 and ("710"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 18:00
S91	666	clock same (phase adj locked) same (benefit\$1 or advantage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 18:00
S92	16	S91 and ("710"/\$).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/05/22 18:00

## EAST Search History

S93	10	("6061746"   "6131125"   "6185607"   "6345315"   "6370603"   "6584536"   "6600755"   "6604206").PN. OR ("6813651").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/23 23:21
S94	31	("5815678"   "5822614"   "5948076"   "5963431").PN. OR ("6061746").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/23 23:23
S95	13	("20020141418"   "20020152346"   "6185607"   "6219697"   "6266729"   "6324178"   "6370603"   "6505255"   "6522654"   "6657999"   "6751221"   "6813651"   "6977939").PN. OR ("7130925").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/23 23:41
S96	62	("4423414"   "4644468"   "4665514"   "4677588"   "4800384"   "5086385"   "5195092"   "5224205"   "5283819"   "5289461"   "5325423"   "5341374"   "5371852"   "5383187"   "5408619"   "5412720"   "5434914"   "5434974"   "5442630"   "5463736"   "5493638"   "5515511"   "5517618"   "5528507"   "5535336"   "5546549"   "5561709"   "5579308"   "5579486"   "5581461"   "5586261"   "5608447"   "5617539"   "5634010"   "5675390"   "5689641"   "5694334"   "5712688"   "5722041"   "5724106"   "5729689"   "5734589"   "5745909"   "5752246"   "5754548"   "5758084").PN. OR ("6505255").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/23 23:45
S97	8	("4831620"   "5136580"   "5247620"   "5309437"   "5452292"   "5883621").PN. OR ("6657999").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/23 23:51